

REMARKS

Claims 15-19 and 31-36 are pending in the present application.

Applicants wish to thank Examiner Mertz for the indication that Claims 15-19 and 31-36 are allowable (Advisory Action mailed September 2, 2004). Acknowledgement that the outstanding rejection from the May 25, 2004 Office Action is withdrawn is requested in view of the amendments and remarks herein.

The rejection of Claim 31 and 32-36 under 35 U.S.C. §112, second paragraph, is obviated by amendment.

Applicants have amended Claims 31 and 32 to be free of the Examiner's criticisms. Applicants wish to thank Examiner Mertz for the helpful suggestions to overcome this ground of rejection.

Applicants request withdrawal of this ground of rejection.

Finally, upon reviewing the Sequence Listing submitted on October 7, 2002, several clerical errors were discovered. Specifically, residues 39 and 56 of SEQ ID NO: 3 should be Gln and Glu, respectively, not Gly (see page 31). In SEQ ID NO: 4, residue 57 should be Asp, not Gln (see page 31). And, only the descriptors for "Xaa" at residues 7 and 52 of SEQ ID NO: 8 should recite "X is any amino acid or nonexistent." The descriptors for the remaining "Xaa" should simply be "X is any amino acid" (see page 13).

Accordingly, Applicants have now submitted a substitute Sequence Listing and a corresponding computer-readable Sequence Listing. The sequence information recorded in the corresponding computer-readable Sequence Listing is identical to the paper copy of the substitute Sequence Listing. Support for all of the sequences listed in the substitute Sequence

Listing is found in the present application as originally filed. No new matter has been introduced by the submission of the substitute Sequence Listing and the corresponding computer-readable Sequence Listing.

Applicants submit that the present application is now in condition for allowance. Early notification of such action is earnestly solicited.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



Stephen G. Baxter
Attorney of Record
Registration No. 32,884

Vincent K. Shier, Ph.D.
Registration No. 50,552

Customer Number
22850

Tel: (703) 413-3000
Fax: (703) 413-2220
(OSMMN 08/03)